

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number  
**WO 2005/061727 A1**

(51) International Patent Classification<sup>7</sup>: **C12Q 1/68**  
(21) International Application Number:  
PCT/EP2004/014900

(22) International Filing Date:  
17 December 2004 (17.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03293283.2 22 December 2003 (22.12.2003) EP

(71) Applicant (for all designated States except US):  
**BIO-RAD PASTEUR** [FR/FR]; 3, boulevard Ray-  
mond Poincaré, F-92430 Marnes-La-Coquette (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HORVAIS, Alain**  
[FR/FR]; 10, Allée de la Bellardière, F-95220 Herblay  
(FR). **BIRON, Marie-Phillippe** [FR/FR]; 53, rue du  
Château, F-92600 Asnieres sur Seine (FR).

(74) Agent: **PARIS, Fabienne**; E.G.Y.P., Cabinet E. Gutmann  
- Y.Plasseraud, 3 rue Chauveau-Lagarde, 75008 (FR).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

— of inventorship (Rule 4.17(iv)) for US only

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **SOLID SUPPORT FOR NUCLEIC ACID DETECTION**

(57) Abstract: The present invention relates to solid supports for control nucleic acids. The present invention also relates to methods for the manufacture thereof, and methods of use thereof.

WO 2005/061727 A1